

## Product datasheet for MC201664

### Pank1 (NM\_023792) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pank1 (NM_023792) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pank1
Synonyms:	Pank; Pank1b
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC023496 sequence for NM\_023792  
 CTGGGATGTCAGTTTGTAGGTAGAGATTACGAGTTGTTTTGTTTTGTTTTGTTTTGTTGTTGTTTT  
 TTTCCTTATCTGAGCCTAACTCCATTCACTGGTTACCTCTTTGTGGGTGCTTTAATGAAGCTTGTA  
 TGGCAGAAAGCAAACATTCCCGTGGTTTGGTATGGATATCGGTGGAACCTGGTTAAGCTGGTTACTTT  
 GAACCGAAGGATATCACGGCAGAGGAAGAACAGGAAGAAGTGGAGAACCTGAAGAGCATCCGGAAGTATT  
 TAACCTTAACTGCCTACGGCAAACTGGGATCCGGGACGTCCATCTGGAACCTGAAAACTGACCAT  
 GTGTGGGCGCAAAGGAACTGCACTTCATCCGCTTCCCGACCTGTGCCATGCACCTGTTTCATCCAGATG  
 GGCAGCGAGAAGAACTTCCAGCCTCCACACCACCTCTGTGCCACGGGAGGTGGGCTTTCAAGTTTG  
 AGGAGGACTTCCGAATGATTGCGGACCTGCAGCTGCATAAACTGGATGAGCTGGACTGTTTGATTGAGG  
 CCTTCTTACGTTGACTCGGTTGGCTTCAATGGCAAGCCAGAATGTTACTATTTGAAAAACCCACAAT  
 CCCGAGTTGTGTCAAAAAAGCCATACTGTTTGGATAACCCGTACCCTATGTTGCTGGTTAACATGGGCT  
 CAGGCGTCAGCATCCTGGCAGTGTACTCCAAGGACAACACAAAAGAGTGACGGGACCAGTCTTGAGG  
 TGGGACATTCCTAGGCCTATGTTGCTTGTGACTGGTTGTGAGACCTTTGAAGAAGCTCTGGACATGGCA  
 GCTAAAGGCGACAGCACAATGTGGATAAGCTGGTGAAGGACATTTACGGAGGAGACTATGAGCGATTTG  
 GCCTTCAAGGATCTGCTGTAGCATCAAGCTTTGGCAACATGATGAGCAAAGAAAAGAGAGTCCATCAG  
 CAAAGAAGACCTCGCCGGGCCACATTTGGTCCCATCACCAACAACATTTGGCTCCATTGCTCGGATGTT  
 GCACTGAATGAGAATATTGACAGAGTTGTTTTGTTGGAACTTTCTCAGAATCAATATGGTCTCAATGA  
 AGTTGCTAGCATATGCCATGGACTTTTGGTCTAAAGGACAGCTGAAAGCACTGTTTTTGGAAATGAGGG  
 TTATTTTGGAGCTGTTGGGGCCCTGTTGGAAGTCTCAAAATGACCGATACACAGTAGAGGAACAGCCCC  
 TCGTGCGGACAGAGGACTGACGGCCTTGCCAGAGAAGGTGACATCTCCGTGGGGCAGAAACCAAGCCAC  
 TATGGTGGATGAACCTGCTGATTTGTAATAAACCATAAAATCCTAGACCTTTTGTCTTAGCTTTCAAGC  
 TTATGATACAAAATGGGGAATATAAGAATTTTTTCTGTATACTGTATTTTAAAAAAAAAAAAAAAA

Restriction Sites:	RsrII-NotI
ACCN:	NM_023792
Insert Size:	1122 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">BC023496</a> , <a href="#">AAH23496</a>
<b>RefSeq Size:</b>	1466 bp
<b>RefSeq ORF:</b>	1122 bp
<b>Locus ID:</b>	75735
<b>UniProt ID:</b>	<a href="#">Q8K4K6</a>
<b>Cytogenetics:</b>	19
<b>Gene Summary:</b>	<p>Plays a role in the physiological regulation of the intracellular CoA concentration. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate 5'-terminal exon, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2, also known as beta) has a shorter and distinct N-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>